



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Our Case No. 1723-14140US02)

The Application of:

Jesse R. Miller, *et al.*

Serial No.: 10/731,300

Filing Date: December 8, 2003

Examiner: John M. Corbett

Group Art Unit: 2882

For: METHOD AND APPARATUS  
FOR X-RAY DIFFRACTION  
ANALYSIS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is  
being deposited with the United States  
Postal Service as first class mail in an  
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Amendment, Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-  
1450, on February 13, 2006.

By:

Michael B. Harlin  
Reg. No. 43,658

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Amendment and Request for Reconsideration in response to the Office Action of August 11, 2005. This response is timely filed as the Office Action provided three months for response, and a Petition for a Three Month Extension is enclosed. Applicants request reconsideration based on the following amendments and remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 4 of this paper.